

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| L1    | 98537 | (flare or light-intercept\$ or (light adj2 shield\$))                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:08 |
| L2    | 1971  | 1 and (lens adj3 barrel)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:08 |
| L3    | 12288 | (flare or light-intercept\$ or (light adj2 shield\$)) same (cone or conical or angle\$) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:09 |
| L4    | 283   | 3 and (lens adj3 barrel)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:09 |
| L5    | 3666  | (flare or light-intercept\$ or (light adj2 shield\$)) same (cone or conical)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:21 |
| L6    | 31    | 5 and (lens adj3 barrel)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:16 |
| L7    | 1926  | (flare or light-intercept\$ or (light adj2 shield\$)) near6 (cone or conical)           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:59 |
| L8    | 20    | 7 and (lens adj3 barrel)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:22 |
| L9    | 145   | (light-intercept\$ or (light adj2 shield\$)) near6 (cone or conical)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:16 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L10 | 3946 | (harmul or glare or flare or light-intercept\$ or (light adj2 shield\$)) same (cone or conical)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 13:53 |
| L11 | 32   | 10 and (lens adj3 barrel)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 14:00 |
| L12 | 137  | 10 and lens and camera   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 13:23 |
| L13 | 11   | ("20040156122"   "20040156123"   "20040156127"   "20040160679"   "20040160683"   "20040228006"   "5488513"   "5589987"   "6104550"   "6256458"   "6324019").PN. OR ("6919995").URPN.                         | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/04/17 13:31 |
| L14 | 24   | "4810076".pn. or "4820923".pn. or "4886342".pn. or "5115350".pn. or "5121251".pn. or "5189554".pn. or "5210645".pn. or "5276552".pn. or "5420656".pn. or "5568322".pn. or "6392825".pn. or "6442343".pn.     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 13:32 |
| L15 | 14   | ("2808765"   "4017878"   "4161120"   "5117311"   "5428482"   "6130789"   "6215603").PN. OR ("6392825").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/04/17 13:34 |
| L16 | 8    | ("4911542"   "4944030"   "5033819"   "5034762"   "5115350"   "5289318").PN. OR ("5420656").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/04/17 13:36 |
| L17 | 11   | ("3927932"   "4275952"   "4441794"   "4759618"   "4944030").PN. OR ("5115350").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/04/17 13:36 |
| L18 | 22   | ("3759153"   "3809459"   "3882517"   "4166678"   "4183661"   "4208102"   "4436415"   "4461547"   "4576446"   "4759618"   "4911542"   "4918476"   "5018832"   "5034762"   "5038162").PN. OR ("5276552").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/04/17 13:38 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| L19 | 24    | ("3259733"   "3365724"   "3500049"   "3698797"   "3884568"   "4128752"   "5161238"   "5177639"   "5212589"   "5276552"   "5339123"   "5343331"   "5364493"   "5424552"   "5592335"   "5638223"   "5691853"   "5955243"   "6239923"   "6560012"   "6724546").PN. OR ("6927924").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:38 |
| L20 | 11    | ("2280993"   "2929922"   "3185021"   "3286193").PN. OR ("3698797").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:40 |
| L21 | 12    | ("4911542"   "5033819"   "5034762"   "5276552"   "5343331"   "5365373").PN. OR ("5450239").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:41 |
| L22 | 18    | ("3153690"   "3465149"   "3488103"   "3699471"   "4150191"   "4367010"   "4540238"   "4542963"   "4598981"   "4831258"   "4877316"   "5004332").PN. OR ("5121251").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:43 |
| L23 | 16    | ("2670656"   "3699471").PN. OR ("4542963").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:44 |
| L24 | 24    | ("2738700"   "3445659"   "4217026"   "4339748"   "4431917"   "4507551"   "4542963").PN. OR ("4820923").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:45 |
| L25 | 18    | ("2670656"   "3699471"   "3905675").PN. OR ("4217026").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:47 |
| L26 | 11    | ("3927932"   "4275952"   "4441794"   "4759618"   "4944030").PN. OR ("5115350").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:49 |
| L27 | 20    | ("2373815"   "3402003"   "3784287"   "4258982").PN. OR ("4886342").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:49 |
| L28 | 1802  | (359/819).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/17 13:53 |
| L29 | 13952 | (iris or stop or flare or diaphragm or shield\$) near6 (cone or conical)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/17 13:59 |

## EAST Search History

|     |    |                           |   |    |    |                  |
|-----|----|---------------------------|---|----|----|------------------|
| L30 | 41 | 29 and (lens adj3 barrel) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 14:00 |
|-----|----|---------------------------|---|----|----|------------------|

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| L1    | 98537 | (flare or light-intercept\$ or (light adj2 shield\$))                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:08 |
| L2    | 1971  | 1 and (lens adj3 barrel)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:08 |
| L3    | 12288 | (flare or light-intercept\$ or (light adj2 shield\$)) same (cone or conical or angle\$) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:09 |
| L4    | 283   | 3 and (lens adj3 barrel)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:09 |
| L5    | 3666  | (flare or light-intercept\$ or (light adj2 shield\$)) same (cone or conical)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:21 |
| L6    | 31    | 5 and (lens adj3 barrel)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:16 |
| L7    | 1926  | (flare or light-intercept\$ or (light adj2 shield\$)) near6 (cone or conical)           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:59 |
| L8    | 20    | 7 and (lens adj3 barrel)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:22 |
| L9    | 145   | (light-intercept\$ or (light adj2 shield\$)) near6 (cone or conical)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/17 13:16 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L10 | 3946 | (harmul or glare or flare or light-intercept\$ or (light adj2 shield\$)) same (cone or conical)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 13:53 |
| L11 | 32   | 10 and (lens adj3 barrel)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 14:00 |
| L12 | 137  | 10 and lens and camera   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 13:23 |
| L13 | 11   | ("20040156122"   "20040156123"   "20040156127"   "20040160679"   "20040160683"   "20040228006"   "5488513"   "5589987"   "6104550"   "6256458"   "6324019").PN. OR ("6919995").URPN.                         | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/04/17 13:31 |
| L14 | 24   | "4810076".pn. or "4820923".pn. or "4886342".pn. or "5115350".pn. or "5121251".pn. or "5189554".pn. or "5210645".pn. or "5276552".pn. or "5420656".pn. or "5568322".pn. or "6392825".pn. or "6442343".pn.     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 13:32 |
| L15 | 14   | ("2808765"   "4017878"   "4161120"   "5117311"   "5428482"   "6130789"   "6215603").PN. OR ("6392825").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/04/17 13:34 |
| L16 | 8    | ("4911542"   "4944030"   "5033819"   "5034762"   "5115350"   "5289318").PN. OR ("5420656").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/04/17 13:36 |
| L17 | 11   | ("3927932"   "4275952"   "4441794"   "4759618"   "4944030").PN. OR ("5115350").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/04/17 13:36 |
| L18 | 22   | ("3759153"   "3809459"   "3882517"   "4166678"   "4183661"   "4208102"   "4436415"   "4461547"   "4576446"   "4759618"   "4911542"   "4918476"   "5018832"   "5034762"   "5038162").PN. OR ("5276552").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/04/17 13:38 |

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|-----|-------|--|---|----|-----|------------------|
| L19 | 24    | ("3259733"   "3365724"   "3500049"   "3698797"   "3884568"   "4128752"   "5161238"   "5177639"   "5212589"   "5276552"   "5339123"   "5343331"   "5364493"   "5424552"   "5592335"   "5638223"   "5691853"   "5955243"   "6239923"   "6560012"   "6724546").PN. OR ("6927924").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:38 |
| L20 | 11    | ("2280993"   "2929922"   "3185021"   "3286193").PN. OR ("3698797").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:40 |
| L21 | 12    | ("4911542"   "5033819"   "5034762"   "5276552"   "5343331"   "5365373").PN. OR ("5450239").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:41 |
| L22 | 18    | ("3153690"   "3465149"   "3488103"   "3699471"   "4150191"   "4367010"   "4540238"   "4542963"   "4598981"   "4831258"   "4877316"   "5004332").PN. OR ("5121251").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:43 |
| L23 | 16    | ("2670656"   "3699471").PN. OR ("4542963").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:44 |
| L24 | 24    | ("2738700"   "3445659"   "4217026"   "4339748"   "4431917"   "4507551"   "4542963").PN. OR ("4820923").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:45 |
| L25 | 18    | ("2670656"   "3699471"   "3905675").PN. OR ("4217026").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:47 |
| L26 | 11    | ("3927932"   "4275952"   "4441794"   "4759618"   "4944030").PN. OR ("5115350").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:49 |
| L27 | 20    | ("2373815"   "3402003"   "3784287"   "4258982").PN. OR ("4886342").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/04/17 13:49 |
| L28 | 1802  | (359/819).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/17 13:53 |
| L29 | 13952 | (iris or stop or flare or diaphragm or shield\$) near6 (cone or conical)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/17 14:09 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| L30 | 41    | 29 and (lens adj3 barrel)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 14:10 |
| L31 | 58234 | (iris or stop or flare or diaphragm or shield\$) near9 (angle\$ or inclined or inclination) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 14:10 |
| L32 | 889   | 31 and (lens adj3 barrel)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 14:11 |
| L33 | 78    | 359/601-614.ccls. and 31  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 14:16 |
| L34 | 135   | 359/694-706.ccls. and 31  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/17 14:16 |
| L35 | 5     | ("5373397"   "5376983"   "5392160").PN. OR ("5978160").URPN.                                | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/04/17 14:18 |